

# Simon Puthur Binu

[E-Mail](#) | [Linkedin](#) | [Github](#)

## SUMMARY

Computer Science undergraduate with hands-on experience in software and electronics, including full-stack web and mobile development and Arduino-based electrical projects. Proficient in integration with React, Flutter, Firebase, Google Cloud, and Gemini AI. Hackathon winner with a strong track record of exploring and building practical solutions in various domains.

## EDUCATION

<b>Model Engineering College</b> <i>Bachelor of Technology in Computer Science and Engineering</i>	Ernakulam, Kerala 2024 – 2028
<b>Devamatha CMI Public School</b> <i>Class X and XII</i>	Thrissur, Kerala 2012 – 2024

## PROJECTS

<b>Sakshya</b>   <i>React, Firebase, Gemini, Google Cloud</i>	January 2026 – Present
<ul style="list-style-type: none"><li>Developed a full-stack web application using Firebase as BaaS and React as the frontend with a 3 member team</li><li>Used Gemini 2.5's Flash and Pro models from Vertex AI for frame-by-frame analysis to analyze videos after compression</li><li>Google Developer Group on Campus MEC Techsprint Hackathon 2026 winner</li><li>Development still in progress</li></ul>	
<b>Medisukham</b>   <i>Flutter, Gemini, Google Cloud</i>	November 2025 – Present
<ul style="list-style-type: none"><li>Developing an app that scans medical prescriptions and automatically sets alarms</li><li>Used Gemini to infer prescription timings from prescriptions and to return required data back to the app</li><li>Implemented a quick and easy to use interface for the older demographic</li><li>Development still in progress</li></ul>	
<b>Partify</b>   <i>discord.js, socket.io, Node.js</i>	March 2022 – July 2022
<ul style="list-style-type: none"><li>Developed a full-stack web application that allows discord users to listen to music together</li><li>Used the discord.js library to create a discord bot to get users in a discord server</li><li>socket.io was used to communicate between the discord bot and the webapp instantaneously</li><li>The scrape-youtube library was used for fetching music from youtube and sharing it with users</li></ul>	

## TECHNICAL SKILLS

**Languages:** Python, Java, Javascript, C, C#, C++, GDScript, Dart

**Frameworks and Software:** React, Node.js, Flask, Svelte, FastAPI, Flutter, Godot Engine

**Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ

**Languages:** English (Professional Working Proficiency), Malayalam (Native), German (Elementary)

**Interests:** Web and App Development, Open Source Contribution, UI / UX Designing, Blogging, Game Development, Arduino Hardware Tinkering